

Amendments to the Specification:

Insert the paper copy of the Sequence Listing filed herewith following the Oath/Declaration.

Amend the paragraph beginning at page 5, line 20, as follows:

FIG. 5 illustrates a mean field free energy matrix for a WW domain (SEQ ID NO:1), generated in accordance with a preferred embodiment of the invention.

Amend the paragraph beginning at page 5, line 29, as follows:

FIG. 8 illustrates the creation of combinatorial libraries using different strategies.

FIG. 8A shows a combinatorial library (SEQ ID NO:2) developed by slowly increasing an upper limit on free energy, according to the free energy matrix of FIG. 5, and a library complexity of  $10^5$ . FIG. 8A **8B** shows a combinatorial library (SEQ ID NO:3) developed by slowly increasing an upper limit on free energy, according to the free energy matrix of FIG. 5, and a library complexity of  $10^8$ . FIG. 8C shows a combinatorial library (SEQ ID NO:4) developed by slowly decreasing a lower limit on probability, according to a probability matrix derived from FIG. 5, and a library complexity of  $10^5$ .